

Converting Colors

YUV(114.4740, -28.8277,
53.0813)

Have a look what the booklet for
YUV(114.4740, -28.8277, 53.0813)
contains.

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Color

**YUV(114.4740, -28.8277,
53.0813)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5F38
RGB	175, 95, 56
RGB Percent	69%, 37%, 22%
CMY	0.3137, 0.6275, 0.7804
CMYK	0.00, 0.46, 0.68, 0.31
HSL	20°, 52%, 45%
HSV	20°, 68%, 69%
XYZ	22.4852, 17.5839, 5.9503
YIQ	114.4740, 60.1990, 4.8310

Conversions

Conversions Part 2

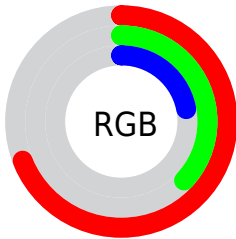
Format	Color
R_{YB}	175, 114, 56
Decimal	11493176
CIE _{Lab}	48.99, 29.12, 36.15
CIE _{LCh}	49, 46.419, 51.151
Yxy	17.5839, 0.4886, 0.3821
Android (android.graphics.Color)	4289683256 (0xFFAF5F38)
YUV	114.4740, -28.8277, 53.0813
Hunter-Lab	41.9332, 22.3314, 20.9400

Details

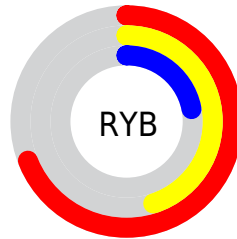
The YUV color **114.4740, -28.8277, 53.0813** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **116.5260, 28.8277, -53.0813**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4100, -31.7541, 58.3994**, and **63.7120, -26.4800, 46.7336** is the 20% darker color. If you saturate the color by 10%, you get **105.4920, -32.7806, 60.9585**, and if you desaturate by 10%, it is **123.5700, -24.4380, 45.1041**.

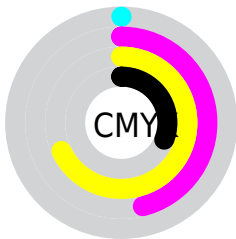
Distribution



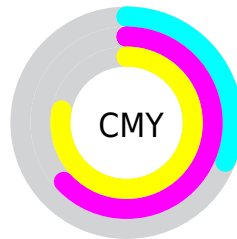
- Red (69%)
- Green (37%)
- Blue (22%)



- Red (69%)
- Yellow (45%)
- Blue (22%)



- Cyan (0%)
- Magenta (46%)
- Yellow (68%)
- Black (31%)



- Cyan (31%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4740, -28.8277, 53.0813 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 114.4740, -28.8277, 53.0813 by changing the saturation by 10% instead.

■ 114.4740,
-28.8277, 53.0813

■ 114.4740,
-28.8277, 53.0813

■ 255.0000, 0.0000,
0.0000

■ 88.5060, -27.3645,
50.4222

■ 168.4100,
-31.7541, 58.3994

■ 63.7120, -26.4800,
46.7336

■ 192.6160,
-30.8697, 54.7108

■ 40.4110, -19.9226,
43.4896

■ 212.0160,
-27.6159, 37.6970

■ 18.5380, -9.1392,
38.1162

■ 231.5300,
-23.9253, 20.5832

■ 11.4760, -5.1647,
23.2615

■ 249.9840,
-19.2191, 4.3990

■ 0.0000, 0.0000,
0.0000

■ 253.2900, -6.5520,

1.4997

■ 114.4740,
-28.8277, 53.0813

■ 114.4740,
-28.8277, 53.0813

■ 105.4920,
-32.7806, 60.9585

■ 123.5700,
-24.4380, 45.1041

■ 96.3960, -37.1702,
68.9357

■ 132.5520,
-20.4851, 37.2269

■ 88.0010, -41.4125,
76.2981

■ 141.0610,
-15.8061, 29.7645

■ 85.7840, -42.2915,
78.2424

■ 150.0430,
-11.8532, 21.8873

■ 159.1390, -7.4635,
13.9101

■ 168.1210, -3.5107,
6.0329

■ 176.6300, 1.1684,
-1.4295

■ 185.6120, 5.1213,
-9.3067

■ 194.7080, 9.5110,
-17.2839

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



115.1930, -12.4201, 63.8517



114.4740, -28.8277, 53.0813



112.6980, -38.7981, 30.9599

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



114.4740, -28.8277, 53.0813



90.9870, 5.9224, -79.7956



115.8200, 36.5707, -16.5051

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



114.4740, -28.8277, 53.0813



116.5260, 28.8277, -53.0813

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9040, 48.8543, -83.2308



114.4740, -28.8277, 53.0813



95.6610, 23.8311, -83.8947

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



114.4740, -28.8277, 53.0813



102.8450, -18.6576, -35.8211



97.6620, 39.1136, -85.6496



119.8490, 22.7524, 29.0734

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



114.4740, -28.8277, 53.0813



110.6910, -38.3017, 11.6720



97.6620, 39.1136, -85.6496



110.8390, 40.9984, -36.6928

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



114.4740, -28.8277, 53.0813



203.6730, -10.6848, 20.4578



100.8150, 17.8392, 65.0602



100.6550, -6.7319, 12.5806



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



114.4740, -28.8277, 53.0813



132.4210, -45.0706, 82.9458



148.5200, -45.6124, 23.2230



82.4520, -2.1948, 3.9886



73.6130, -36.2912, 66.9914



11.5730, -5.7055, 10.0215

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



116.5260, 28.8277, -53.0813



135.5790, 45.0706, -82.9458



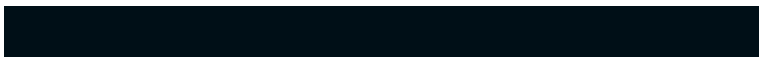
82.4800, 45.6124, -23.2230



82.5480, 2.1948, -3.9886



76.3870, 36.2912, -66.9914



11.4270, 5.7055, -10.0215

Previews

White Background



This preview shows how the YUV color 114.4740, -28.8277, 53.0813 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 114.4740, -28.8277, 53.0813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.4740, -28.8277, 53.0813

Background



This preview shows how black text looks on a background with the YUV color 114.4740, -28.8277, 53.0813.



This preview shows how white text looks on a background with the YUV color 114.4740, -28.8277, 53.0813.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

114.4740, -28.8277, 53.0813

Protanopia

114.4320, -25.3560, 12.7761

Deuteranopia

114.4400, -30.7829, 26.8011



Tritanopia

116.8110, -9.7668, 52.7858

Trichromacy



Original Color

114.4740, -28.8277, 53.0813

Protanomaly

114.4770, -26.8572, 27.6457

Deuteranomaly

114.3210, -30.2313, 36.5525

Tritanomaly

115.9760, -16.7502, 52.6410

Monochromacy



Original Color

114.4740, -28.8277, 53.0813

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0750, -10.3900, 19.2282

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4740, -28.8277, 53.0813 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(175, 95, 56)` looks like.

```
.text, #text, p{  
    color:rgb(175, 95, 56)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 95, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 95, 56) }
```

Border

The CSS property to change the border of an element to YUV 114.4740, -28.8277, 53.0813 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 95, 56) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(175, 95, 56) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(175, 95, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 95, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 95, 56);  
box-shadow:4px 4px 4px 4px rgb(175, 95,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 114.4740, -28.8277, 53.0813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 95, 56) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175, 95,  
56) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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